



## **State Revolving Fund Loan Programs**

### **Drinking Water, Wastewater, Nonpoint Source**

#### **PRELIMINARY DECISION OF CATEGORICAL EXCLUSION**

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

**TOWN OF DARLINGTON**

**PER ADDENDUM #2**

**Wastewater Treatment Plant and Collection System Improvements Projects**

**SRF # CS182 383 01**

**Date: July 1, 2010**

**Target Project Approval date: July 2, 2010**

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the city's Preliminary Engineering Report received by the SRF on February 9, 2009 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

*How were environmental issues considered?*

The National Environmental Policy Act (NEPA) requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an Environmental Assessment or an Environmental Impact Statement.

*Why is additional environmental review not required?*

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

*How do I submit comments?*

Comments can be submitted to:

Mr. Max Henschen, Senior Environmental Manager  
SRF Programs  
317-232-8623; mhensche at ifa.in.gov

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## CATEGORICAL EXCLUSION

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### I. PROJECT IDENTIFICATION

Project Name and Address:	Collection System and Wastewater Treatment Plant Improvements Project PER Addendum #2 Town of Darlington P.O. Box 578 Darlington, IN 47940-0578
SRF Project Number:	CS182 383 01
Authorized Representative:	Dr. Mary Lou Weliever, President Town Council of Darlington

### II. PROJECT LOCATION

Darlington is located in Franklin Township in Montgomery County. The town's study area and 20-year service area are one and the same. The town's project areas are the collection system and wastewater treatment plant (WWTP). The collection system is located in the Darlington USGS quadrangle, T19N, R3W, section 8, while the WWTP is located in same USGS quadrangle, township and range, but in section 9; see Exhibit 1.

### III. PROJECT NEED AND PURPOSE

The State Revolving Fund (SRF) Loan Program approved Darlington's Preliminary Engineering Report (PER) describing proposed improvements to the collection system and the WWTP on June 28, 2004. The SRF subsequently approved Addendum #1, which proposed revisions to the approved PER, on March 9, 2009.

Darlington's Addendum #2 proposes further revisions to the approved PER and describes needed improvements at the WWTP and in the collection system. WWTP components have either exceeded their useful service life or deteriorated to the point that they need to be repaired or replaced; other improvements are recommended to optimize plant operations. Collection system work is needed to upgrade two lift stations and to rehabilitate sanitary sewer lines subject to infiltration and inflow (I/I; i.e., extraneous water).

Proposed WWTP improvements include: installing hand wheel operators on scum skimmers; installing ramps into the sludge drying beds; replacing the sludge bed gate removal system; replacing concrete panels in the sludge drying beds; replacing wires and conduits from the Motor Control Center (MCC) to the effluent; replacing controls, contacts and wiring inside MCC; pouring sidewalks and steps; making drainage improvements; replacing the auto start on the WWTP generator; making

major emergency repairs to WWTP generator; making sludge bed separator modifications; procuring lab equipment; replacing roof on the control/lab building; installing softener and piping for the potable water supply; replacing HVAC unit in the lab/control building; removing sludge from aeration tanks for installation of diffusers; replacing concrete cap and aluminum hatch on plant lift station; replacing chemical feed equipment for the chlorine system; filling in, grading and seeding the two tertiary ponds to facilitate maintenance and mowing; replacing aeration system with new system; repairing malfunctioning blower; making improvements to the water system (i.e., replacing hydrants, extending water lines to clarifier troughs); see Exhibit 2.

Proposed collection system improvements include: installing two new manholes (MHs) between MHs 31A and 31B; cleaning and televising the line between MHs 31A and 31B; installing a new generator, day tank, control board, remote terminal unit and piping for Lift Station (LS) #1; installing a new generator and auto transfer switch (ATS) for LS #2; replacing each of the 150 gallons per minute (gpm) pumps in LS #2; replacing each of the two 80 gpm pumps in LS #3; and replacing the ATS for LS #1; see Exhibit 3.

The town rejected the “no action” alternative, since the components would continue to age and deteriorate causing potential problems in the collection system and at the WWTP.

The selected alternative is to implement upgrades and needed repairs at both the WWTP and the collection system. Collection system repairs and upgrades will help reduce I/I and also help the WWTP’s operation. Upgrades and improvements to components of the WWTP will enhance its performance and effectiveness.

#### **IV. ESTIMATED PROJECT COST AND FUNDING**

The total construction cost for these improvements will be approximately \$229,838. The town closed on an SRF 20-year loan for \$1,000,000 on July 20, 2009; \$600,000 of that was a forgivable loan. The town has a balance of \$143,497 in its \$400,000 loan obligation and a balance of \$ 196,851 in its forgivable loan.

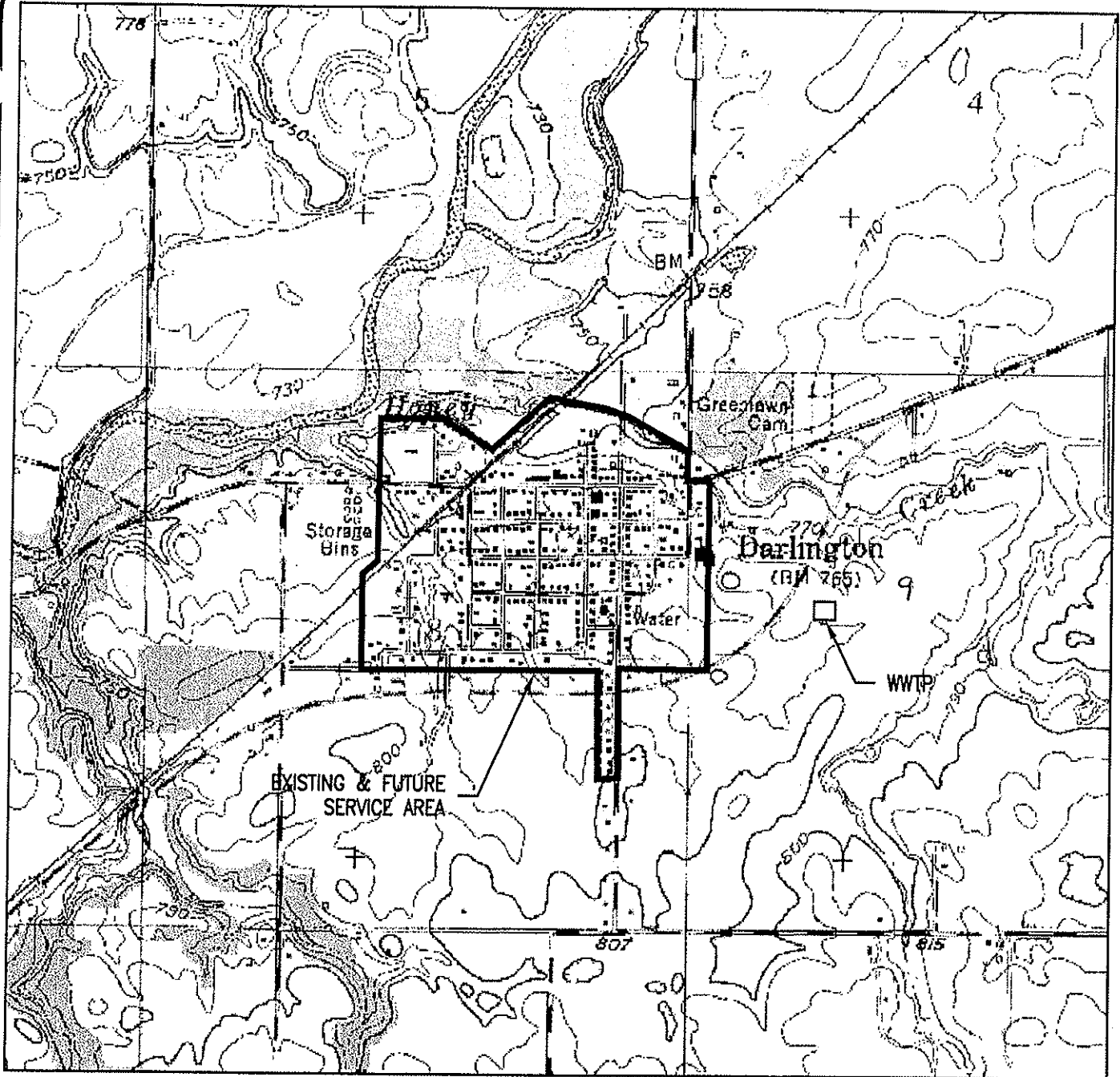
#### **V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES**

Since the projects will occur at the existing wastewater treatment plant site and in existing trenches, sewers and existing lift stations, there will be no substantive negative environmental impacts.

These projects will not affect streams, wetlands, wooded areas, the 100-year floodplain or other sensitive environmental resources and will not convert prime farmland. If any visual or audible impacts to historic sites occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the State or National registers (see exhibits 4 and 5). The SRF’s finding pursuant to Section 106 of the National Historic Preservation Act is: “no historic properties affected.”

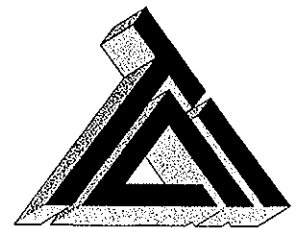
#### **VI. PUBLIC PARTICIPATION**

A public notice describing the Addendum #2 project was placed in the Crawfordsville Journal Review on June 12, 2010.



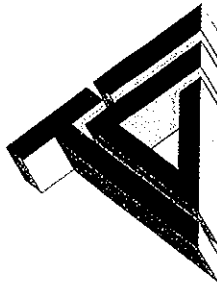
## TOWN OF DARLINGTON SERVICE AREA

SCALE: APPROX. 1" = 1500'



**TRIAD ASSOCIATES INC.**  
5835 LAWTON LOOP EAST DRIVE  
INDIANAPOLIS, INDIANA 46216  
PHONE: 317-377-5236 FAX: 317-377-5241

**EXHIBIT 1**

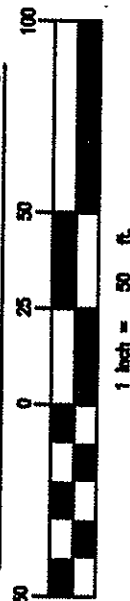


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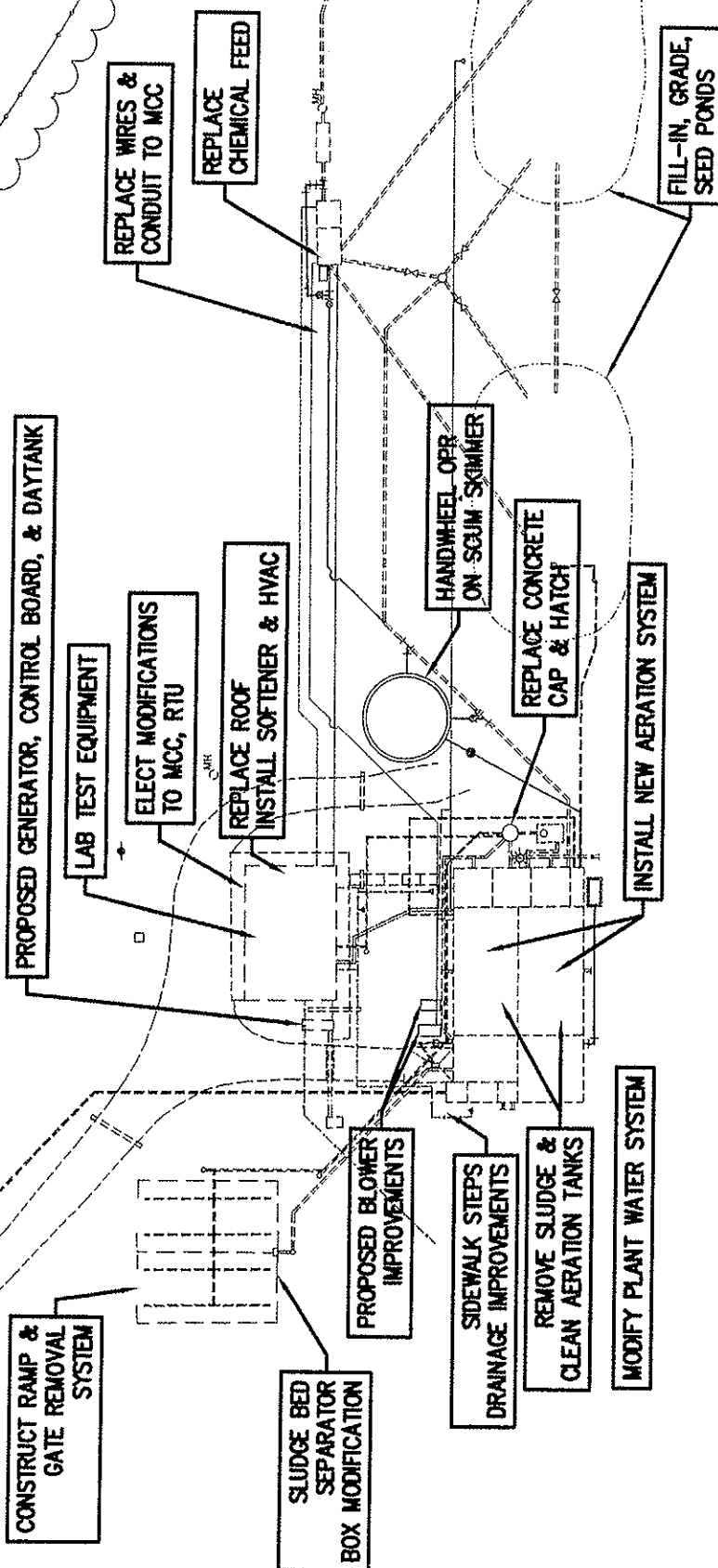
EXHIBIT 2



# TOWN OF DARLINGTON PROPOSED AMENDMENT WWTP IMPROVEMENTS



REVISED MAY, 2010



**LEGEND:**

- APPROXIMATE TOWN LIMITS
- EXISTING INLET
- EXISTING MANHOLE
- EXISTING MANHOLE NUMBER
- EXISTING STORM SEWER
- EXISTING SANITARY FORCEMAIN
- EXISTING SANITARY MAIN W/FLOW INDICATOR
- EXISTING COMBINATION SEWER
- PROPOSED MANHOLE
- SEAL MANHOLE

**PUMP REPLACEMENT,  
GENERATOR, & AUTO  
TRANSFER SWITCH**

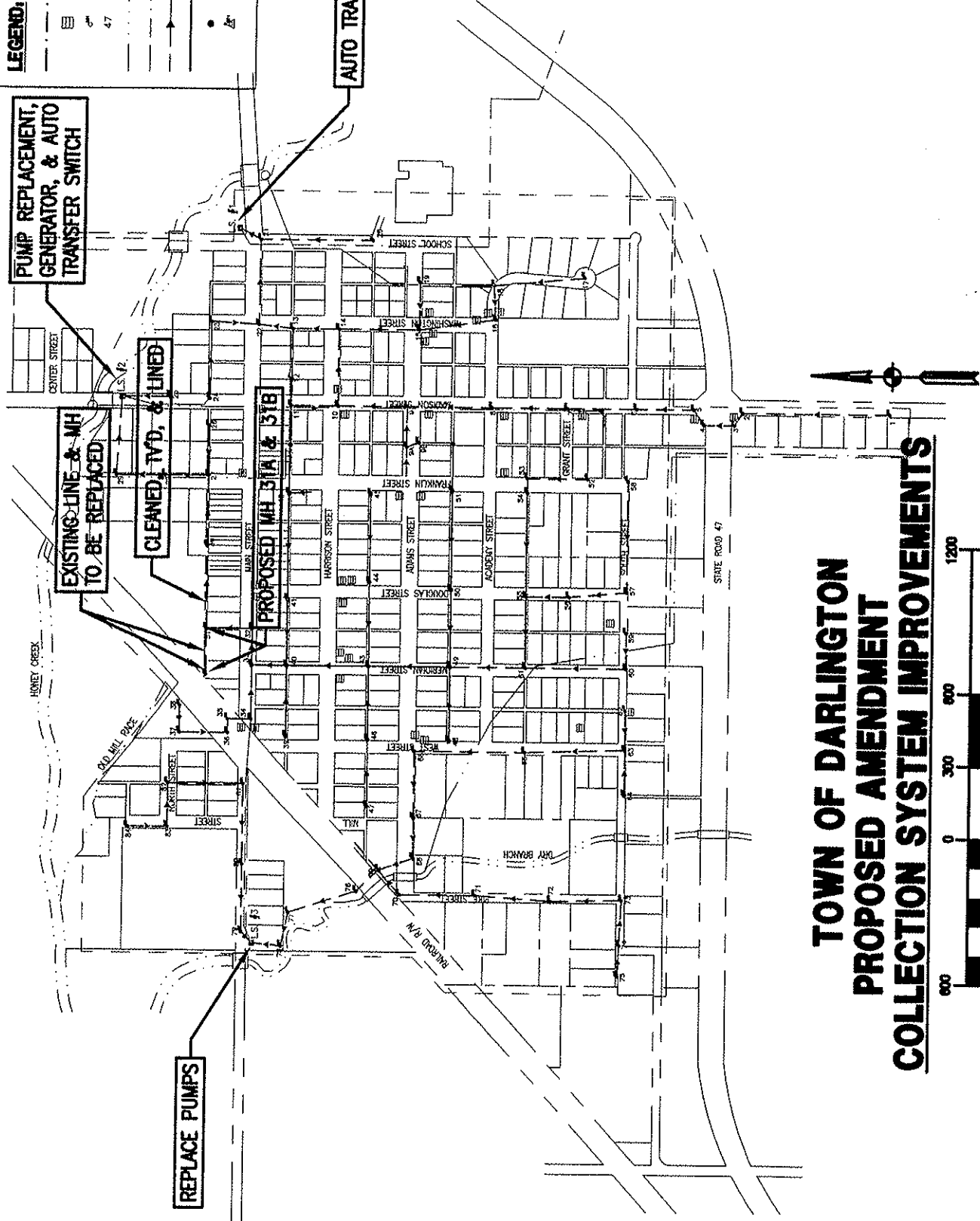
**EXISTING LINE & MH  
TO BE REPLACED**

**CLEANED, TVD, & LINED**

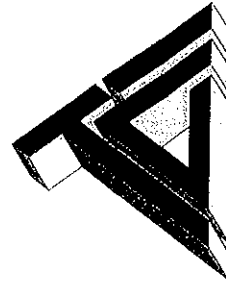
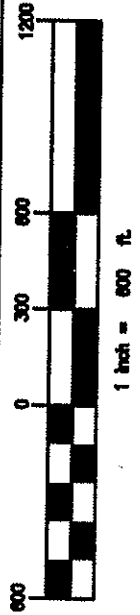
**PROPOSED MH 31A & 31B**

**AUTO TRANSFER SWITCH**

**REPLACE PUMPS**



**TOWN OF DARLINGTON  
PROPOSED AMENDMENT  
COLLECTION SYSTEM IMPROVEMENTS**

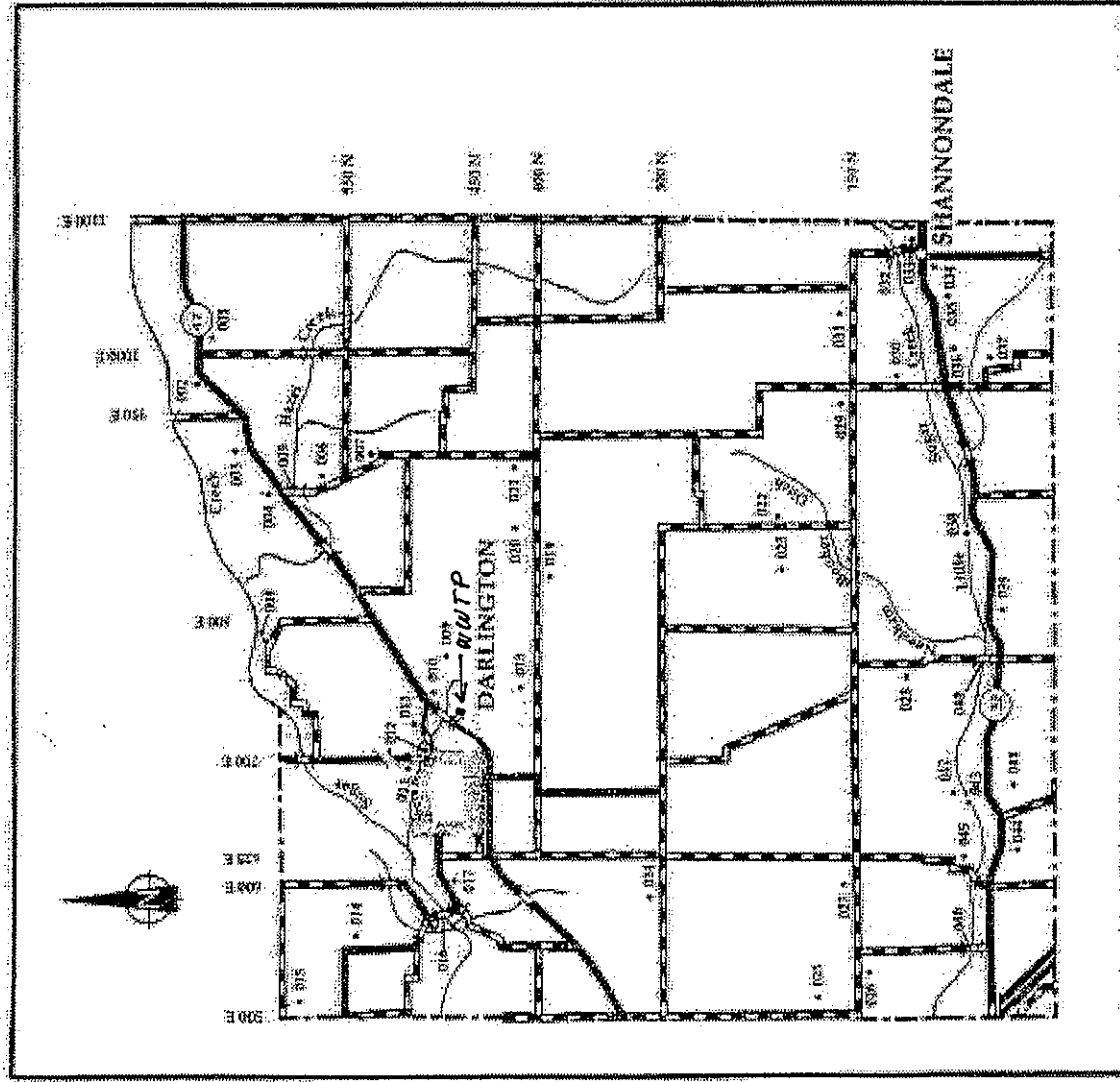


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5835 LAWTON LOOP EAST DRIVE  
INDIANAPOLIS, INDIANA 46216  
PHONE: 317-377-5230 FAX: 317-377-5241

**EXHIBIT 3**

**REVISED MAY, 2010**

# Franklin Township (30001-04)

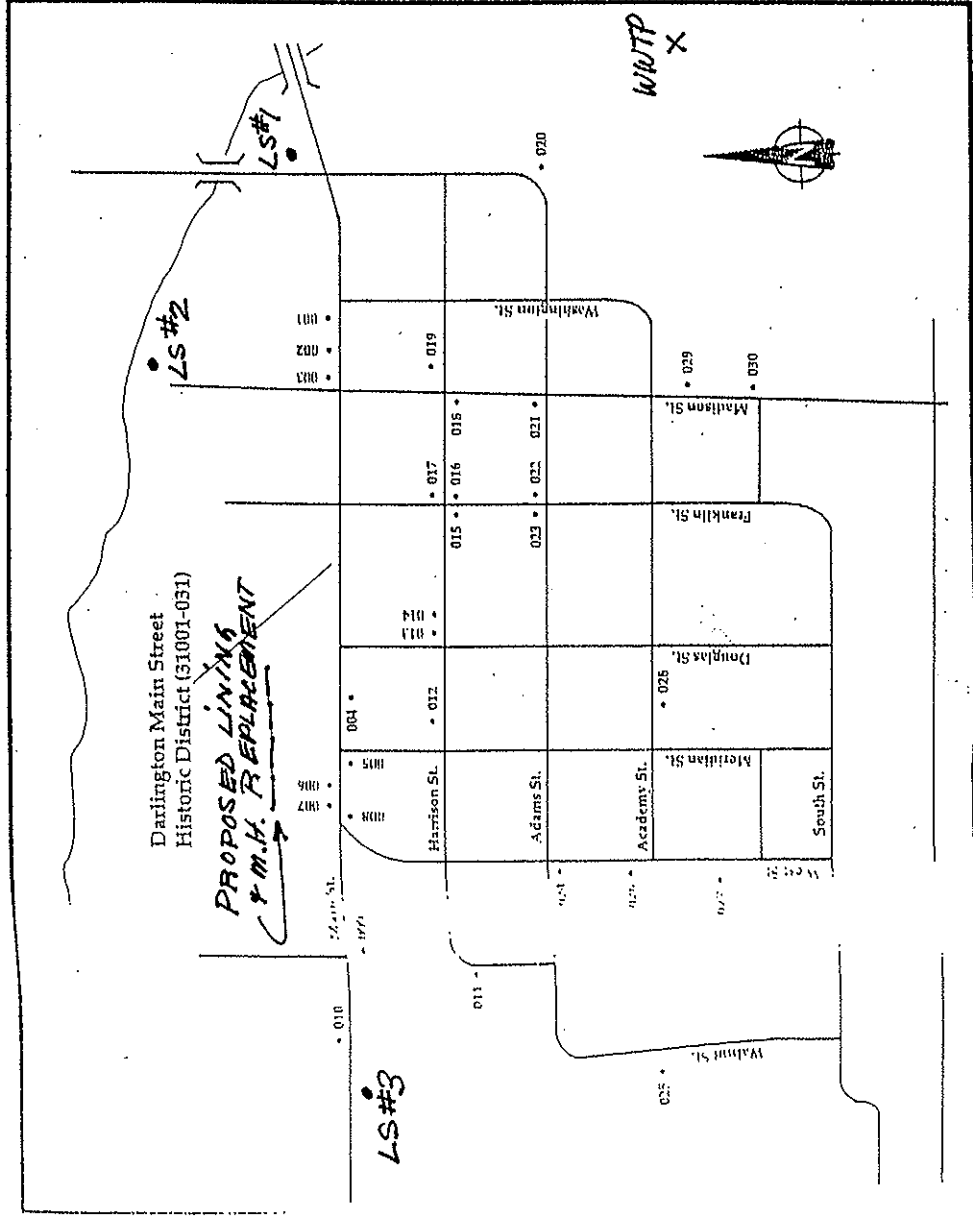


Franklin Township was organized by the Montgomery County Commissioners in 1831, though it was not until fourteen years later that its present boundaries were established. In September of 1831, Walnut Township was created out of the southern half of Franklin Township. The portion of the township above 60th North and south of Sugar Creek originally was part of Sugar Creek township. However, citizens in the area of about two and one-half sections had difficulty attending township meetings at elections which were held north of Sugar Creek. Their petition to be joined to Franklin Township was granted in 1845.

Among the earliest settlers in the township were Henry Wiseman and John Abernathy who located in the vicinity of Darlington in 1823. Indians remained in the township as late as 1832, abiding with the settlers on friendly terms. The abundant creeks and streams in the area provided power for the township's early milling industries. Not only was water plentiful, but timber from the primeval forests was exploited in the numerous sawmills.

The location of these mills was largely responsible for the growth of several communities. Perhaps most notable of the mills were the ones built by the Cox brothers. In 1832, Enoch Cox built a sawmill and, a year later, a flour mill at a site about one mile west of Darlington. Robert Cox built a wooden mill about one-half mile north of Darlington on Sugar Creek, and Benjamin Cox built a sawmill and oil mills in the township. Another important venture was the Franklin Mill, built in 1847 by Silas Kenworthy at the site of the Benjamin Cox mill. This stood until 1945. In 1836 three years after establishing his flour mill, Enoch

# Darlington Scattered Sites (32001-030)



Rtg.	Description
C	House, 107 East Main Street; Carpenter-Building, c.1895; Architecture (152)
N	Campbell House, 105 East Main Street; Carpenter-Building, 1880; Architecture (152)
003	C Darlington Veterinary Building, 101 East Main Street; Art Moderne, 1941; Architecture (152)
004	C Hitch House, 303 West Main Street; Carpenter-Building, c.1900; Architecture (152)
005	N House, 401 West Main Street; Bungalow, 1917-18; Architecture (152)
006	C House, 402 West Main Street; Queen Anne, c.1895; Architecture (152)
007	N House, 404 West Main Street; Colonial Revival, c.1920; Architecture (152)
008	C House, 405 West Main Street; Carpenter-Building, c.1890; Architecture (152)
009	C Darlington Grain Elevator, West Main Street; Functional, c.1920; Commerce (152)
010	C Darlington Cemetery, West Main Street; c.1890; Religion (152)
011	C Former Mill, Wayne Street; Nineteenth Century Functional, c.1840; Architecture (152)
012	C House, 302 West Harrison Street; Carpenter-Building, c.1895; Architecture (152)
013	O House, 210 West Harrison Street; Queen Anne, c.1895; Architecture (152)
014	C House, 208 West Harrison Street; Carpenter-Building, c.1905; Architecture (152)
015	N Darlington Methodist Episcopal Church, 101 West Harrison Street; Gothic Revival/Romanesque Revival, 1904; Architecture. Religion (152)
016	C House, 201 South Franklin Street; Italianate, c.1880; Architecture (152)
017	O Darlington National Guard Armory, Franklin Street; Art Deco, 1936-37; John P. Parrish, Architect; Architecture, Military, Politics/Government (152)

## EXHIBIT 5

DARLINGTON, AMENDMENT #2, JUNE 2010